
CDF Operations Report



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CDF Weekly Meeting
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Store Summary (July 13-20)

Store	Start Date	Duration (hours)	Initial Lum (E30)	Delivered Lum (pb ⁻¹)	Live Lum (pb ⁻¹)	Lum w/Si (pb ⁻¹)	Comments
4825	7/13 Thu	10.9	66.7	1.48	1.07 72%	1.07 72%	B4 vacuum problem
4828	7/14 Fri	27.2	93.5	3.90	3.35 86%	2.09 54%	L1 trigger problem Si resonances
4835	7/16 Sun	19.7	62.7	2.03	1.55 76%	0.76 37%	RF spark -> DC beam quench – separator spark
4838	7/17 Mon	33.5	79.7	3.39	2.94 87%	2.82 83%	last 3.5 hours were TeV studies
4839	7/18 Tue	21.4	106.4	3.36	2.83 84%	1.24 37%	computer issues TSU problem, RF trip
4841	7/19 Wed	4.6	130.1	1.60	1.37 86%	1.37 86%	BMU, CSX problems TeV crate PS failure
Total		117.3		15.8	13.1 83%	9.4 59%	
Previous		135.9		26.5	22.1 83%	18.4 70%	

CDF Operations

- Accesses
 - Sat 7/15: replace CAFE card in CEM, retrieve COT FADC board
 - Wed 7/19: try resetting TSU power supply (didn't help)
- Other activities
 - Test and promotion of new trigger table
 - Only one silicon resonance since
 - Problem with L1 trigger rate spontaneously changing
 - Tracked down to a single bit change in FRED RAM
 - Problem has not reappeared since installing spare FRED
 - Work on ISL cooling – two ladders have been taken out
 - Lots of work on XFT stereo upgrade
 - CSX discriminator died – replaced this morning

Corrected Average Stacking Rate

